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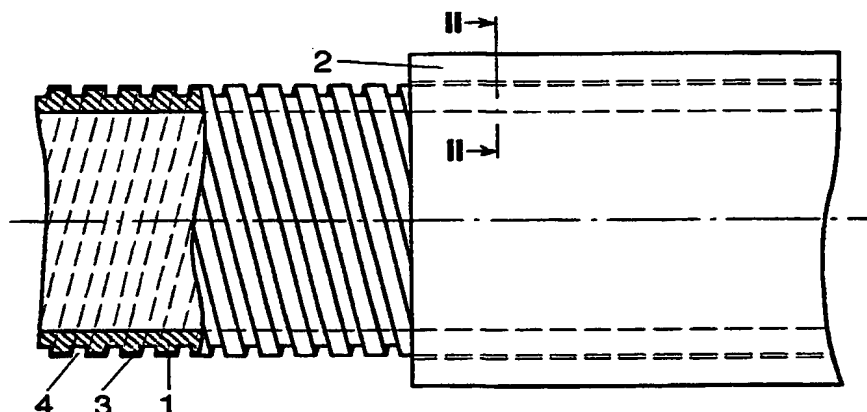
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(54) Title: METHOD FOR MANUFACTURING A DOUBLE-WALLED HEAT EXCHANGING TUBE WITH LEAK DETECTION



(57) Abstract: Method for manufacturing a double-walled heat exchange tube with leak detection, wherein an inner tube is slipped into an outer tube, after a surface profiling has been provided on at least the outer surface of the inner tube or the inner surface of the outer tube, and at least the outer surface of the inner tube or the inner surface of the outer tube has been provided with a layer of soldering material. After the tubes have been slipped into one another, the inner tube is expanded such that the outer tube is expanded as well and the surface profiling forms a leak detection channel between the two tubes, and the soldering material between inner and outer tube is caused to melt. In a heat exchange tube thus obtained, at the location of the contact between the inner and outer tube, a film-thin, optionally porous layer from soldering material is present, which layer is bonded, through melting, to both the inner tube and the outer tube.

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WO 01/07856 A3